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PTO/SB/05 (03-01)

Approved for use through 10/31/20. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(h))

Attorney Docket No. ELG054 US1 (2024773-7032872001)  
First Inventor G. Samuel Hurst  
Title TOUCH SENSOR WITH NON-UNIFORM RESISTIVE BAND  
Express Mail Label No. EU874341383US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## ENCLOSURES (check all that apply)

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)  
See 37 CFR 1.27.
2. ☐ Applicant claims a small entity status.
3. ☒ Specification [Total Pages, 40]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table or computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 12]
5. ☒ Declaration and Power of Attorney [Total Pages 7]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
    - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
6. ☐ Application Data Sheet. See 37 CFR 1.76
7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (where there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citation
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: \*

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No. \*

Prior application information

Examiner \*

Group Art Unit: \*

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.


## 19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

or

☒ Correspondence address below

(Insert Customer No. or Attach bar code label here)

|                   |   |                                   |                |          |                |
|-------------------|---|-----------------------------------|----------------|----------|----------------|
| Name              | Tyco Electronics Corporation<br>Attn: Michael Aronoff                               |                                   |                |          |                |
| Address           | 307 Constitution Drive, MS R20/2B   |                                   |                |          |                |
| City              | Menlo Park  | State                             | CA             | Zip Code | 94025-1164     |
| Country           | US  | Telephone                         | (650) 361-5979 | Fax      | (650) 361-5623 |
| Name (Print/Type) | Michael J. Bolan  | Registration No. (Attorney/Agent) | 42,339         |          |                |
| Signature         |  |                                   |                | Date     | 7/15/03        |

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

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Date of Deposit: 7/15/03

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Jocelyn L. Lee

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# FEE TRANSMITTAL FOR FY 2003

Patent fees are subject to annual revision.

## Complete if Known

|                      |                                   |
|----------------------|-----------------------------------|
| Application Number   | Not Yet Assigned                  |
| Filing Date          | July 15, 2003                     |
| First Named Inventor | G. Samuel Hurst                   |
| Examiner Name        | Not Yet Assigned                  |
| Group Art Unit       | Not Yet Assigned                  |
| Attorney Docket No.  | ELG054 US1 (2024773-707032872001) |

TOTAL AMOUNT OF PAYMENT

(\$)  
790

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number: 50-2518

Deposit Account Name: Bingham McCutchen LLP

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

- ☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:

- ☐ Check ☐ Credit Card ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description        | Fee Paid |
|----------------|-----------------|----------------|-----------------|------------------------|----------|
| 1001           | 750             | 2001           | 376             | Utility filing fee     | 750      |
| 1002           | 330             | 2002           | 165             | Design filing fee      |          |
| 1003           | 520             | 2003           | 260             | Plant filing fee       |          |
| 1004           | 750             | 2004           | 375             | Reissue filing fee     |          |
| 1005           | 160             | 2005           | 80              | Provisional filing fee |          |

SUBTOTAL (1) (\$)750

### 2. EXTRA CLAIM FEES

|                       |             | Extra<br>Claims |   | Fee from<br>below |   | Fee Paid |
|-----------------------|-------------|-----------------|---|-------------------|---|----------|
| Total Claims          | 14 - 20** = | 0               | x | 18                | = | \$ 0     |
| Independent<br>Claims | 2 - 3** =   | 0               | x | 84                | = | \$ 0     |

Multiple Dependent = \$

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description   | Fee Paid |
|----------------|-----------------|----------------|-----------------|---|----------|
| 1202           | 18              | 2202           | 9               | Claims in excess of 20                                    |          |
| 1201           | 84              | 2201           | 42              | Independent claims in excess of 3                         |          |
| 1203           | 280             | 2203           | 140             | Multiple dependent claims, if not paid                    |          |
| 1204           | 84              | 2204           | 42              | **Reissue independent claims over original patent         |          |
| 1205           | 18              | 2205           | 9               | **Reissue claims in excess of 20 and over original patent |          |

SUBTOTAL (2) (\$) 0

\*\* or number previously paid, if greater; For reissues, see above.

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description  | Fee Paid |
|----------------|-----------------|----------------|-----------------|--|----------|
| 1051           | 130             | 2051           | 65              | Surcharge - late filing fee or oath  |          |
| 1052           | 50              | 2052           | 25              | Surcharge - late provisional filing fee or cover sheet                       |          |
| 1053           | 130             | 1053           | 130             | Non-English specification  |          |
| 1812           | 2,520           | 1812           | 2,520           | For filing a request for ex parte reexamination                              |          |
| 1804           | 920*            | 1804           | 920*            | Requesting publication of SIR prior to Examiner action                       |          |
| 1805           | 1,840*          | 1805           | 1,840*          | Requesting publication of SIR after Examiner action                          |          |
| 1251           | 110             | 2251           | 55              | Extension for reply within first month                                       |          |
| 1252           | 410             | 2252           | 205             | Extension for reply within second month                                      |          |
| 1253           | 930             | 2253           | 465             | Extension for reply within third month                                       |          |
| 1254           | 1,450           | 2254           | 725             | Extension for reply within fourth month                                      |          |
| 1255           | 1,970           | 2255           | 985             | Extension for reply within fifth month                                       |          |
| 1401           | 320             | 2401           | 160             | Notice of Appeal   |          |
| 1402           | 320             | 2402           | 160             | Filing a brief in support of an appeal                                       |          |
| 1403           | 280             | 2403           | 140             | Request for oral hearing   |          |
| 1451           | 1,510           | 1451           | 1,510           | Petition to institute a public use proceeding                                |          |
| 1452           | 110             | 2452           | 55              | Petition to revive - unavoidable   |          |
| 1453           | 1,300           | 2453           | 650             | Petition to revive - unintentional   |          |
| 1501           | 1,300           | 2501           | 650             | Utility issue fee (or reissue)   |          |
| 1502           | 470             | 2502           | 235             | Design issue fee   |          |
| 1503           | 630             | 2503           | 315             | Plant issue fee  |          |
| 1460           | 130             | 1460           | 130             | Petitions to the Commissioner  |          |
| 1807           | 50              | 1807           | 50              | Petitions related to provisional applications                                |          |
| 1806           | 180             | 1806           | 180             | Submission of Information Disclosure Stmt                                    |          |
| 8021           | 40              | 8021           | 40              | Recording each patent assignment per properties (times number of properties) | 40       |
| 1809           | 750             | 2809           | 375             | Filing a submission after final rejection (37 CFR § 1.129(a))                |          |
| 1810           | 750             | 2810           | 375             | For each additional invention to be examined (37 CFR § 1.129(b))             |          |
| 1801           | 750             | 2801           | 375             | Request for Continued Examination (RCE)                                      |          |
| 1802           | 900             | 1802           | 900             | Request for expedited examination of a design application                    |          |

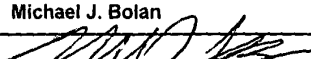
Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)40

## SUBMITTED BY

Complete (if applicable)

|                   |   |                                   |         |           |                |
|-------------------|---|-----------------------------------|---------|-----------|----------------|
| Name (Print/Type) | Michael J. Bolan  | Registration No. (Attorney/Agent) | 42,339  | Telephone | (213) 680-6831 |
| Signature         |  | Date                              | 7/15/03 |           |                |

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